

APPLICANTS: SHAKED, Shvat et al.  
SERIAL NO.: 09/772,951  
FILED: January 31, 2001  
Page 5

In the Claims:

Please cancel claims 1 - 20 without prejudice or disclaimer.

Please add the following new claims as follows:

---

21. (New) A method of controlling access of a user to a service, the method comprising:
- obtaining a first identifier associated with a communication session of said user over a network;
  - obtaining a second identifier associated with said user from a network access provider (NAP) through which said user is connected to said service, said second identifier associated with said first identifier at said NAP; and
  - controlling access based on said second identifier.
22. (New) A method according to claim 21, wherein said service is selected from the group consisting of e-mail service, electronic banking, financial service, and firewall.
23. (New) A method according to claim 21, wherein said network is selected from the group consisting of an Internet network, a wireless data network, a cellular data network, and a CATV-based data network.
24. (New) A method according to claim 21, further comprising:
- evaluating the reliability of said second identifier based on predetermined criteria; and
  - determining the level of access to provide to said user based on said reliability.
25. (New) A method for providing a telephone call identifier, the method comprising:
- obtaining by a network device an identifier associated with a telephone line accessing a data network; and
  - sending said identifier to be associated with a telephone call to a terminating telephone network.
26. (New) A method for verifying that an anonymous network user is an adult, the method comprising:

APPLICANTS: SHAKED, Shvat et al.  
SERIAL NO.: 09/772,951  
FILED: January 31, 2001  
Page 6

obtaining by a network device account details associated with said user;  
and  
reporting said user as an adult if said account details pertain only to users  
above a predetermined age.

27. (New) A method according to claim 26, wherein said step of obtaining comprises  
receiving said account details from a network access provider servicing said user.

28. (New) A method according to claim 26, wherein said account details pertain to at least  
one user below said predetermined age and further comprising:

obtaining information associated with said account generally known only  
to adult users of said account;

requesting said user to enter an at least generally significant part of said  
information; and

reporting said user as an adult if said at least generally significant part  
matches the corresponding part of said information.

29. (New) A method for handling telephone calls , the method comprising:

obtaining an identifier of a telephone line connecting a user to a data  
network from a network side of a connection between said user and said data  
network;

associating said identifier with information for contacting said user over  
said network; and

configuring incoming telephone calls to said user according to said  
information.

30. (New) A method according to claim 29, further comprising:

upon receiving said incoming call, sending notification of said incoming  
call to said user.

31. (New) A method according to claim 29, further comprising at least one of:

forwarding said incoming call to said user over said network;

forwarding said incoming call to said user over a telephone network;

sending to said user information about the origin of said incoming call;

and

Al6 Cont

APPLICANTS: SHAKED, Shvat et al.  
SERIAL NO.: 09/772,951  
FILED: January 31, 2001  
Page 7

receiving from said user at least one order about how to handle said incoming call.

32. (New) A system for handling telephone calls, the system comprising:

an extraction unit able to extract an identifier of a telephone line connecting a user to a data network from a network side of a connection between said user and said network;

an association unit able to associate said identifier with information for contacting a user associated with said telephone number over said network; and

a messenger system communicating with said user over said network using said information for contacting said user.

33. (New) A method for verifying the authenticity of information provided by a user in a communication session over an anonymous network, said user connecting to said network through a network access provider (NAP), the method comprising the steps of:

obtaining account details previously collected by said NAP and associated with said user by said NAP; and

determining the authenticity of said information by comparing said information with said previously verified account details.

34. (New) A method for verifying the authenticity of information provided by a user, the method comprising:

sending by a service provider to a network access provider (NAP) through which said user is engaged in a communication session with said service provider a request to identify said user, said request including said information and an identifier of said communication session; and

receiving a report from said NAP comprising the match results between said information and account details previously collected by said NAP and associated with said user by said NAP .

35. (New) A method for charging for commercial transactions conducted over a network between a user and a merchant, said user account being identifiable by a NAP, the method comprising:

generating a first account identifier of said user account by said NAP;

11/6 cont.

APPLICANTS: SHAKED, Shvat et al.  
SERIAL NO.: 09/772,951  
FILED: January 31, 2001  
Page 8

sending said first account identifier to said merchant; and  
said merchant sending a billing transaction to a billing entity which  
charges said user account for access to said NAP.

36. (New) A method according to claim 35, wherein said first account identifier is one of the group consisting of a credit card number, a debit card number, and a bank account number.

37. (New) A method according to claim 35, wherein said network is selected from the group consisting of an Internet network, a wireless data network, a cellular data network, and a CATV-based data network.

38. (New) A method according to claim 35, further comprising:  
inserting by a device said first account identifier into an electronic payment form used by said merchant.

39. (New) A method according to claim 35, wherein said merchant sending is conducted through a NAP of said user, utilizing an existing connection between said NAP and said billing entity.

40. (New) A method according to claim 35, wherein said step of said merchant sending said billing transaction is conducted through an ID switching module, and said first account identifier is a temporary account identifier, said method further comprising:

generating a second account identifier by one of a group including said ID switching module and a NAP;

sending to said ID switching module the association between said first account identifier and said second account identifier; and

when said billing transaction is sent, said ID switching module replacing said first account identifier with said second account identifier.

41. (New) A method according to claim 40 wherein said ID switching module is on an existing connection between a NAP of said user and said billing entity.

42. (New) A method for a billing entity to charge a user account for commercial transactions conducted over an anonymous network between a user and a merchant, the method comprising:

receiving an identification request for said user account;

Alc cont.

APPLICANTS: SHAKED, Shvat et al.  
SERIAL NO.: 09/772,951  
FILED: January 31, 2001  
Page 9

obtaining an account identifier of said user account from a NAP;  
generating a temporary identifier of said account;  
sending said temporary identifier to said merchant; and  
sending an association between said temporary identifier and said account  
identifier.

43. (New) A method according to claim 42, wherein said account identifier is one of the group consisting of a credit card number, a debit card number, and a bank account number.
44. (New) The method according to claim 42, wherein said network is selected from at least one of the group consisting of an Internet network, a wireless data network, a cellular data network, and a CATV-based data network.
45. (New) The method of claim 42, further comprising:  
receiving a billing transaction from said merchant, said billing transaction including said temporary identifier;  
replacing said temporary identifier with said account identifier; and  
sending a billing transaction to a billing entity capable of billing said account.
46. (New) A method for charging for commercial transactions conducted over a network between a user and a merchant, said user connecting to said network through a NAP, the method comprising the steps performed by said merchant of:  
requesting identification for said user from said NAP;  
automatically receiving an identifier of said user account; and  
sending a billing transaction to a billing entity which charges said user account for access to said NAP, said billing transaction including said account identifier.
47. (New) A method according to claim 46, wherein said user account identifier is one of the group consisting of a credit card number, a debit card number, and a bank account number.

46 Cont.

APPLICANTS: SHAKED, Shvat et al.  
SERIAL NO.: 09/772,951  
FILED: January 31, 2001  
Page 10

- Al6 cond.*
48. (New) A method according to claim 46, wherein said network is selected from at least one of the group consisting of an Internet network, a wireless data network, a cellular data network, and a CATV-based data network.
49. (New) A system for a billing entity to charge a user account for commercial transactions conducted over an anonymous network between a user and a merchant, the system comprising:
- an identification system operative with a network access provider (NAP), said NAP connected to said billing entity; and
  - a communication unit connected between said identification system and said merchant, said unit able to send an identifier usable for billing by said billing entity.
50. (New) A system according to claim 49, and further comprising:
- a communication unit connected between said identification system and said billing entity, said second unit able to send an association between a temporary identifier and an identifier usable for billing by said billing entity.
51. (New) A system according to claim 49, and further comprising:
- an ID switching module in communication with said merchant, said billing entity and said identification system.
- 

Please charge any additional fees associated with this paper to Deposit Account Number 05-0649 (Attorney Docket Number P-2977-US).

#### REMARKS

Applicant asserts that the present invention is new, non-obvious and useful. Entry of this Amendment is respectfully requested. Prompt consideration and allowance of the claims is respectfully requested.

The specification has been amended editorially for clarity purposes correcting typographical errors. This amendment is directed strictly to matters of form and, therefore, does not affect the scope of the claims or create any prosecution history estoppel.